



## ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide magnetic bearing controller which is able to levitate the controlled object stably by using controlled magnetic forces. In the magnetic bearing controller which supplies a controlled current to an electromagnet for levitating a rotating body at a predetermined position, the controller is provided with an eliminator unit for eliminating frequency components of frequency area which is used by the status detector unit. The eliminator unit is inserted between signal amplifier unit and power amplifier unit for generating controlled current.